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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

DATE: FEBRUARY 22, 1995

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

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DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)
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M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY....(VIA-FAX)
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO,IL

LATITUDE: 41°52'09.3" LONGITUDE: 87°44'30.4"

POLREP NO.: 11

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: OCTOBER 18, 1994

COMPLETION DATE:

1. SITUATION:

- A. Site activities winding down. Disposal of remaining 3 waste streams scheduled for transport this week. EOC concrete and soil sampling activities have been completed. Awaiting results to determine if further contaminant removal is necessary. Expect site shutdown 2/24 until analytical results from the EOC are received and evaluated.
- B. Weather has been cooperative. Temperatures have remained in the mid to upper 30° F range allowing work to continue smoothly. Site has remained secure, no incidents to report from 24 hr security service.

2. ACTIONS TAKEN:

- A. ERCS contractor RES remobilized to the site 2/6, following the shutdown period for the Region's annual OSC training.
- B. Demobilized empty and decontaminated poly storage tanks 2/6. Only one 4,000 gal tank remains for containment of decon water.
- C. On 2/7, transported the remaining 11 drums of aluminum paste to Perma Fix's Canton, Ohio, facility for fuels blending.
- D. Procured off-site laboratory for Extent of Contamination soil and concrete samples 2/7. The lab, Quanterra, N.Canton, OH, to analyze for total and TCLP metals, TCLP VOA and SVOA, pH, and reactive cyanide and sulfide on all soil samples received. Concrete core samples to be analyzed for total and TCLP metals only.
- E. Placement of EOC sampling grid complete 2/8; began collection of concrete core samples from floor of bldg 2/9; floor

appears to be 6-8 inches thick; concrete sampling completed 2/13. RES team subcontractor, ESE, mobilized to site 2/13; began soil sample collection 2/14, and was completed 2/17. A total of 105 samples were collected and field screened for Cr+6 using Hach soil extraction test kits. 45 samples were sent to the laboratory for confirmation analysis.

- F. TAT conducted field screening of soil samples for Cr+6 and found elevated levels as high as 4,000 ppm in surface soil directly below concrete floor. These levels confined to an area along the east wall of the building. Levels ranged to as low as 4 ppm.
- G. On 2/10, transported 19 yd³ of crushed steel drums and pails to Envirosafe Services of Ohio for micro-encapsulation and landfilling.
- H. Transported 19 yd³ of chromium contaminated debris to Chem-Met Services on 2/13, for encapsulation and disposal.

3. PLANS:

- A. Ship overpacked drum of phenol to Aptus, 2/23, for incineration. Expect to ship 28 drums of acid solid and 25 drums of base sludge to EQ's Belleville, MI, facility for solidification and landfilling 2/24. Remaining tanks of decon water to be shipped 2/24, to Heritage's Indianapolis, IN, facility.
- B. Site to be secured pending receipt of EOC analytical results. Data expected within 2-weeks. All overhead and personnel doorways to be secured with chain-link fence week of 2/24.
- C. Evaluate EOC data to determine if excavation of concrete floor and underlying soil are needed to prevent migration of chromium and other contaminants above U.S. EPA action levels.
- D. Continue open lines of communication with local City and State officials.

4. KEY ISSUES:

- A. PRP contractor transported 6 drums of chromic acid sludge on 2/15, to Inmetco's Elwood City, PA, facility for disposal. Disposal activities pursuant to the AOC are now complete. Expect to negotiate additional order for possible soil cleanup if necessary.

5. COSTS:

- A. Case open;
- B. Costs through 02/17/95;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$ 837,775 ⁽¹⁾	\$ 611,633.62	\$ 226,141.38
TAT	108,000	92,598.58	15,401.42
USEPA-DIR	29,700	22,785.00	6,915.00
USEPA-INDR	54,900	47,082.08	7,817.92
TOTALS	\$1,030,375	\$ 774,099.28	\$ 256,275.72

(1) Includes a delivery order ceiling increase of \$200,000, received 2/17.

END